Internet Security Team
Report to PITAC

Grant Wagner, Chair
Jim Rome, Executive Secretary

Participants

- Representatives from: ARL, DOE (HQ and ORNL), NIST, NASA, and NSA
- Coordinating with: HCS and CIP
- Interest from: Internet2 and Utility Communication Architecture

IST's Focus

- Proving ground for advanced security technology / services
  - Encourages testbeds, facilitates pilot deployment and testing campaigns
  - Facilitates access to testing technology
- Clearing house / focal point for advanced security requirements
- Security focused crosscut through existing teams
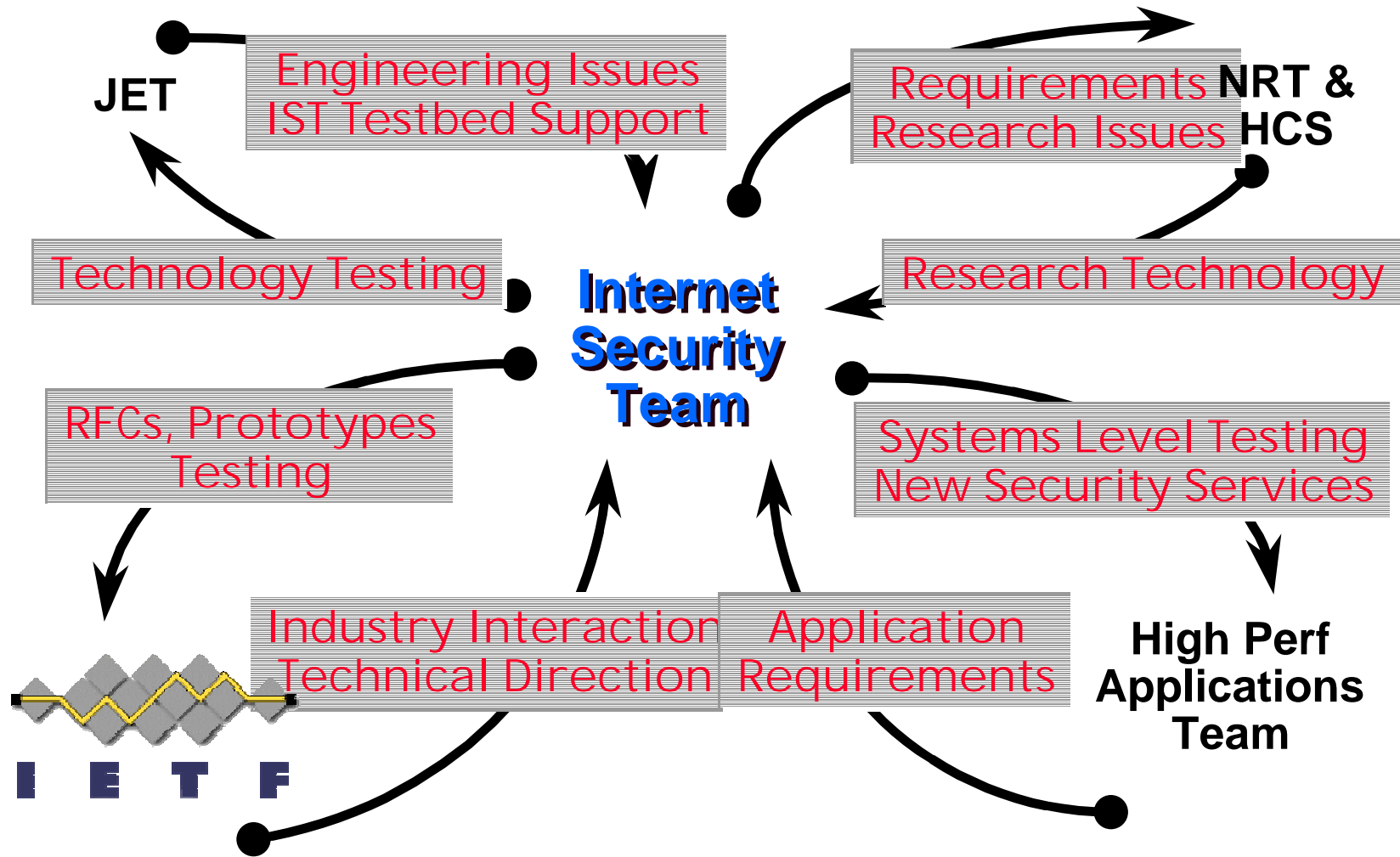 - Bridge between the applications, engineering and research communities

Documents

- Federal Networking Council's Privacy & Security Working Group Collaborations on Internet Security Report
- NGI Implementation Plan
- Security Chapter from NGI Research Challenges Workshop
- Bridging the Gap - Security Chapter

Relationship to Other Teams

- JET
  - Works with JET to identify engineering issues and requirements for deploying advanced Internet security technologies
  - Works with JET to establish and operate cross agency testbeds for testing and pilot deployment of emerging security technologies
- NRT
  - Works with NRT to identify promising security technologies that are emerging from research programs
  - Provides feedback / direction to NRT on open issues / roadblocks to practical deployment of advanced security technology
- HPNAT
  - Works with HPNAT to identify application requirements
  - Provides application community access to testbeds of advanced security technology

IST's Working Environment

JET

Engineering Issues
IST Testbed Support

Requirements
Research Issues

NRT & HCS

Technology Testing

Research Technology

Internet Security Team

RFCs, Prototypes Testing

Systems Level Testing
New Security Services

IETF

Industry Interaction
Technical Direction

Application
Requirements

High Perf Applications Team

Accomplishments

- Ongoing coordination
- Bridging the Gap Workshop contributions
- Future PKI for Future Networks Workshop
  - Forum for LSN, HCS, CIP
  - Exchange experiences and lessons learned
  - Consolidate requirements
  - Brainstorm solutions